



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/889,016	10/15/2001	Mitsuyuki Hatanaka	275732US6PCT	4589
22850	7590	06/11/2009	EXAMINER	
OBLON, SPIVAK, MCCLELLAND MAIER & NEUSTADT, P.C. 1940 DUKE STREET ALEXANDRIA, VA 22314			CHOWDHURY, NIGAR	
			ART UNIT	PAPER NUMBER
			2621	
			NOTIFICATION DATE	DELIVERY MODE
			06/11/2009	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

patentdocket@oblon.com
oblonpat@oblon.com
jgardner@oblon.com

Office Action Summary	Application No.	Applicant(s)
	09/889,016	HATANAKA ET AL.
	Examiner	Art Unit
	NIGAR CHOWDHURY	2621

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 15 April 2008.
 2a) This action is **FINAL**. 2b) This action is non-final.
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-10, 12-15, 17-30 and 39-66 is/are pending in the application.
 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
 5) Claim(s) _____ is/are allowed.
 6) Claim(s) 1-10, 12-15, 17-30, 39-66 is/are rejected.
 7) Claim(s) _____ is/are objected to.
 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.
 10) The drawing(s) filed on 15 October 2001 is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413)
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date. _____ .
3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)	5) <input type="checkbox"/> Notice of Informal Patent Application
Paper No(s)/Mail Date _____.	6) <input type="checkbox"/> Other: _____ .

DETAILED ACTION

Response to Arguments

Applicant's arguments, see page 5-12, filed on 12/09/2008, with respect to claims 1-10, 12-15, 17-30, 39-40 have been fully considered and are persuasive. The rejection of claims 1-10, 12-15, 17-30, 39-40 have been withdrawn.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

1. Claims 1-3, 8, 12, 13, 18, 22, 23, 27, 39-43, 48 are rejected under 35 U.S.C. 103(a) as being unpatentable over US 5,752,244 by Rose et al. in view of US 2001/0033619 by Hanamura et al.
2. Regarding **claim 1**, Rose discloses an information processing apparatus having a function to transfer content data to a device connected thereto, the information processing apparatus comprising:

- storage means for storing the content data to a storage medium (fig. 1, col. 3 lines 29-49);

- setting means for setting, whether the information processing apparatus transfers content data stored in storage medium to the device (fig. 1, col. 3 lines 50-col. 4 lines 40);
- transferring means for transferring the content data stored in the storage medium to the connected device in case the setting means has set so that the information processing apparatus transfers content data stored in storage medium to the device (fig. 1, col. 3 lines 29-col. 4 lines 40).

Rose fails to disclose automatically transfers content data without designation of content data based on a user input.

Hanamura disclose automatically transfers content data without designation of content data based on a user input (fig. 6, 8, paragraph 0284-0285).

It would have been obvious to one of ordinary skill in the art at the time of applicant's invention to modify the proposed combination of Rose's system to include an automatic transferring unit, as taught by Hanamura, to transfer data from one storage medium to another device for having more flexibility to a user.

3. Regarding **claim 2**, Rose disclose the information processing apparatus further comprising reading means for reading the content data from a recording medium wherein the storage means stores the content data read from the recording medium (fig. 1, col. 3 lines 29-col. 4 lines 41).

4. Regarding **claim 3**, Rose discloses the information processing apparatus wherein the recording medium is an optical disc, and the reading means reads the content data from the optical disc being the content recording medium (fig. 1, col. 4 lines 11-26)

5. Regarding **claim 8**, Rose discloses the information processing apparatus further comprising a communications means for receiving a content data via a network, wherein the storage means stores the received content data as the content data (fig. 1, col. 3 lines 29-49)

6. **Claim 12** is rejected for the same reason as discussed in the corresponding claim 1 above.

7. **Claim 13** is rejected for the same reason as discussed in the corresponding claim 2 above.

8. **Claim 18** is rejected for the same reason as discussed in the corresponding claim 8 above.

9. **Claim 22** is rejected for the same reason as discussed in the corresponding claim 1 above.

10. **Claim 23** is rejected for the same reason as discussed in the corresponding claim 2 above.

11. **Claim 27** is rejected for the same reason as discussed in the corresponding claim 8 above.

12. **Claim 39** is rejected for the same reason as discussed in the corresponding claim 1 above.

13. **Claim 40** (fig. 1, col. 14 lines 55-col. 16 lines 51, col. 22 lines 40-col. 23 lines 10) is rejected for the same reason as discussed in the corresponding claim 1 above.

14. **Claim 41** is rejected for the same reason as discussed in the corresponding claim 1 above.

15. **Claim 42** is rejected for the same reason as discussed in the corresponding claim 2 above.

16. **Claim 43** is rejected for the same reason as discussed in the corresponding claim 3 above.

17. **Claim 48** is rejected for the same reason as discussed in the corresponding claim 8 above.

18. Claims 4, 44 are rejected under 35 U.S.C. 103(a) as being unpatentable over US 5,752,244 by Rose et al. and US 2001/0033619 by Hanamura et al.

19. Regarding **claim 4**, Rose discloses the apparatus wherein the reading means reads from an optical disc, Hanamura discloses automatic transferring (fig. 6, 8, paragraph 0284-0285) but fail to disclose the apparatus wherein the recording medium is a semiconductor memory and the reading means read the content data from the semiconductor memory.

It is noted that the use of semiconductor memory is old and well-known in the recording art. Therefore, official notice is taken. Moreover, it would have been obvious

to one having ordinary skill in the art at the time the invention was made to have a well-known semiconductor memory to store more information for viewer.

20. **Claim 44** is rejected for the same reason as discussed in the corresponding claim 4 above.

21. Claims 5-7, 9-10, 14-15, 17, 19-21, 24-26, 28-30, 45-47, 49-50, 63-66 are rejected under 35 U.S.C. 103(a) as being unpatentable over US 5,752,244 by Rose et al. and US 2001/0033619 by Hanamura et al. in view of US Patent No.6,931,531 by Takahashi.

22. Regarding **claim 5**, Rose discloses the information processing apparatus further comprising means for reading the content from the content recording medium in which is recorded, and wherein the recording means records the read content (fig. 1, col. 3 lines 29-col. 4 lines 41), Hanamura discloses automatic transferring (fig. 6, 8, paragraph 0284-0285) but fail to disclose the apparatus further comprising encrypting means for encrypting, by a predetermined method, the content data read by the reading means, and wherein the storage means stores the encrypted content data to the storage medium.

Takahashi discloses the apparatus further comprising encrypting means for encrypting, by a predetermined method, the content data read by the reading means, and wherein the storage means stores the encrypted content data to the storage medium. (col. 9 lines 52-col. 12 lines 28).

It would have been obvious to one of ordinary skill in the art at the time of applicant's invention to modify the proposed combination of Rose and Hanamura's system to include a encryption unit, as taught by Takahashi, to store secure information in a storage medium.

23. Regarding **claim 6**, Rose discloses the information processing apparatus further comprising means for reading the content from the content recording medium in which is recorded, and wherein the recording means records the read content (fig. 1, col. 3 lines 29-col. 4 lines 41), Hanamura discloses automatic transferring (fig. 6, 8, paragraph 0284-0285) but fail to disclose the information processing apparatus further comprising compression means for compressing the content data read by the reading means in a predetermined format file wherein the storage means stores the content data compressed by the compression means to the storage medium.

Takahashi discloses the information processing apparatus further comprising compression means for compressing the content data read by the reading means in a predetermined format file wherein the storage means stores the content data compressed by the compression means to the storage medium (col. 9 lines 52-col. 12 lines 28).

It would have been obvious to one of ordinary skill in the art at the time of applicant's invention to modify the proposed combination of Rose and Hanamura's system to include a compression unit, as taught by Takahashi, for storing more information in a storage medium as compressed form.

24. **Claim 7** is rejected for the same reason as discussed in the corresponding claims 5 and 6 above.
25. **Claim 9** is rejected for the same reason as discussed in the corresponding claim 5 above.
26. **Claim 10** is rejected for the same reason as discussed in the corresponding claim 6 above.
27. **Claim 14** is rejected for the same reason as discussed in the corresponding claim 5 above.
28. **Claim 15** is rejected for the same reason as discussed in the corresponding claim 6 above.
29. **Claim 17** is rejected for the same reason as discussed in the corresponding claim 7 above.
30. **Claim 19** is rejected for the same reason as discussed in the corresponding claim 9 above.
31. **Claim 20** is rejected for the same reason as discussed in the corresponding claim 10 above.
32. **Claim 21** is rejected for the same reason as discussed in the corresponding claim 11 above.
33. **Claim 24** is rejected for the same reason as discussed in the corresponding claim 5 above.
34. **Claim 25** is rejected for the same reason as discussed in the corresponding claim 6 above.

35. **Claim 26** is rejected for the same reason as discussed in the corresponding claim 7 above.

36. **Claim 28** is rejected for the same reason as discussed in the corresponding claim 9 above.

37. **Claim 29** is rejected for the same reason as discussed in the corresponding claim 10 above.

38. **Claim 30** is rejected for the same reason as discussed in the corresponding claim 11 above.

39. **Claim 45** is rejected for the same reason as discussed in the corresponding claim 5 above.

40. **Claim 46** is rejected for the same reason as discussed in the corresponding claim 6 above.

41. **Claim 47** is rejected for the same reason as discussed in the corresponding claim 5 above.

42. **Claim 49** is rejected for the same reason as discussed in the corresponding claim 5 above.

43. **Claim 50** is rejected for the same reason as discussed in the corresponding claim 6 above.

44. **Claim 63** is rejected for the same reason as discussed in the corresponding claim 6 above.

45. **Claim 64** is rejected for the same reason as discussed in the corresponding claim 6 above.

46. **Claim 65** is rejected for the same reason as discussed in the corresponding claim 6 above.

47. **Claim 66** is rejected for the same reason as discussed in the corresponding claim 6 above.

48. Claims 51-62 are rejected under 35 U.S.C. 103(a) as being unpatentable over US 5,752,244 by Rose et al. and US 2001/0033619 by Hanamura et al.

49. Regarding **claim 51**, Rose discloses means for checking out the content recorded in the recording medium to the connected device when the recording means has recorded the content in case the setting means has set that the recorded content has to be checked out (fig. 1, col. 14 lines 55-col. 16 lines 51, col. 22 lines 40-col. 23 lines 10), Hanamura discloses automatic transferring (fig. 6, 8, paragraph 0284-0285) but fail to disclose the apparatus further comprising display means for displaying a bar showing progress of storing the content data by the storage means

It is noted that the use of progress bar is old and well-known in the recording art. Therefore, official notice is taken. Moreover, it would have been obvious to one having ordinary skill in the art at the time the invention was made to have a well-known progress bar which will make it easier and convenient for a viewer to understand.

50. **Claim 52** is rejected for the same reason as discussed in the corresponding claim 51 above.

51. **Claim 53** is rejected for the same reason as discussed in the corresponding claim 51 above.

52. **Claim 54** is rejected for the same reason as discussed in the corresponding claim 51 above.

53. Regarding **claim 55**, Rose discloses transferring the content data stored in storage medium by the transferring means (fig. 1, col. 3 lines 29-col. 4 lines 41), Hanamura discloses automatic transferring (fig. 6, 8, paragraph 0284-0285) but fail to disclose the information processing apparatus further comprising display means for displaying a bar in a color which shows progress of storing the content data and displaying another bar in another color which shows progress of transferring the content data stored in storage medium by the transferring means, wherein bar and the another bar are displayed so as to overlap each other

It is noted that the use of progress bar is old and well-known in the recording art. Therefore, official notice is taken. Moreover, it would have been obvious to one having ordinary skill in the art at the time the invention was made to have a well-known progress bar in different colors to make it easier for a viewer to understand

54. **Claim 56** is rejected for the same reason as discussed in the corresponding claim 55 above.

55. **Claim 57** is rejected for the same reason as discussed in the corresponding claim 55 above.

56. **Claim 58** is rejected for the same reason as discussed in the corresponding claim 55 above.

57. **Claim 59** is rejected for the same reason as discussed in the corresponding claim 51 above.

58. **Claim 60** is rejected for the same reason as discussed in the corresponding claim 51 above.

59. **Claim 61** is rejected for the same reason as discussed in the corresponding claim 51 above.

60. **Claim 62** is rejected for the same reason as discussed in the corresponding claim 51 above.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to NIGAR CHOWDHURY whose telephone number is (571)272-8890. The examiner can normally be reached on 9 AM - 5 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thai Tran can be reached on 571-272-7382. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

NC
06/05/2009

/JAMIE JO VENT ATALA/
Examiner, Art Unit 2621